

**ALBERT D. KING**

**CONSULTING ENGINEER**

**P. O. BOX 329  
NORTHAMPTON, MASS.  
TEL. 1089**

July 14, 1948

Miss Barbara Underleider  
18 Raviene Road  
Great Neck  
Long Island, New York

Dear Miss Underleider:

The enclosed carbon copy of my letter to Mr. Bodden will explain why you have not heard from me before. Please do not be worried about the final outcome. The station will be ready on time with all your required features.

Hope you are enjoying your vacation.

Very truly yours,

*Albert D. King*  
Albert D. King

1 incl.

ADK/mn





ALBERT D. KING

July 14, 1948

Mr. William A. Bodden, Treasurer  
Smith College  
Northampton, Massachusetts

Dear Mr. Bodden:

This is just a short memo so that you may have something in writing for your files. Because of my illness, coupled with inability to get a satisfactory field strength meter, the trials with the temporary transmitter have not been made. I have studied the situation and am confident that the problems can be worked out (they are similar to those at Yale) and am now making up a full size, permanent transmitter on my own responsibility. A receiver is being calibrated by a commercial laboratory for use on the tests.

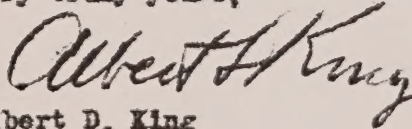
Considerable design work has been done on the drawing board. Consideration is being given to a small commercial "console" that is mixer and preamplifier. This would be usable for remote work if the main station is enlarged and put on a fancier basis in five to ten years.

I have visited the University of Connecticut station which has been in operation about eight years. On a basis of a maximum expenditure by the college group of \$2500 for electronic equipment it is my feeling that Smith can obtain a better appearing installation, with more broadcast quality components than are used at Storro. This is in spite of the fact that they consider the equipment as worth \$5000 to \$6000. This figure includes the studio layout which is simpler than planned here. Also I have had an opportunity to study closely a very new FM station with excellent commercial equipment.

Because time is getting short, I am placing orders on hand to get components and will give a final technical description and list for a formal contract later. Present purchases and work being done now are, of course, my own responsibility until a formal agreement is signed. The equipment will be ready by September 11, 1948.

While this is not the method of attack which I had previously proposed, I hope it will meet with your approval.

Very truly yours,



Albert D. King

